

Title (en)

DYNAMIC STORAGE BLOCKS TIERING

Title (de)

DYNAMISCHE SPEICHERBLOCKSCHICHTUNG

Title (fr)

HIERARCHISATION DYNAMIQUE DE BLOCS DE STOCKAGE

Publication

**EP 2529297 A4 20140723 (EN)**

Application

**EP 11737597 A 20110126**

Priority

- US 29884910 P 20100127
- US 201113012555 A 20110124
- US 2011022607 W 20110126

Abstract (en)

[origin: US2011184904A1] Storage management for database access, in which selected data blocks are associated with particular business operations, and in which those data blocks are disposed in response to an assessment of which of those business operations are more important, more urgent, or have a greater need to be reliable. This has the effect that overall transaction performance is improved without significantly increasing infrastructure cost. Noting the relative importance of those particular business transactions and the relative probability that those data blocks will be needed by those particular business transactions, and assuring that data blocks associated with relatively important business transactions are moved to relatively superior storage in advance of requests for access.

IPC 8 full level

**G06Q 10/10** (2012.01); **G06F 7/00** (2006.01); **G06F 17/30** (2006.01)

CPC (source: EP US)

**G06F 16/217** (2018.12 - EP US); **G06F 16/22** (2018.12 - EP US); **G06F 16/24578** (2018.12 - EP US); **G06Q 10/10** (2013.01 - EP US)

Citation (search report)

- [X1] US 2007073655 A1 20070329 - CHEN JASON [US], et al
- [I1] US 2006074961 A1 20060406 - KONGALATH GEORGE [CA], et al
- See references of WO 2011094336A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**US 2011184904 A1 20110728; US 8819057 B2 20140826**; EP 2529297 A1 20121205; EP 2529297 A4 20140723; US 2014337360 A1 20141113; US 9244962 B2 20160126; WO 2011094336 A1 20110804

DOCDB simple family (application)

**US 201113012555 A 20110124**; EP 11737597 A 20110126; US 2011022607 W 20110126; US 201414339198 A 20140723